

Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 10269102	APPLICATION NO. Rule 53(b) Divisional of 09/691,197, filed October 19, 2000 <i>10/646,802</i>
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Bijan S. KHIRABADI, Ying C. SONG and Kelvin G.M. BROCKBANK	
		FILING DATE August 25, 2003	FORMER GROUP 1651

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
<i>BS</i>	5,145,769	8/92	McNally et al.		
<i>BS</i>	5,149,621	9/92	McNally et al.		
<i>BS</i>	5,158,867	10/92	McNally et al.		
<i>BS</i>	4,559,298	12/1985	Fahy		
<i>BS</i>	4,494,385	01/85	Kuraoka et al.		
<i>BS</i>	5,122,110	06/1992	McNally et al.		
<i>BS</i>	5,217,860	06/1993	Fahy et al.		
<i>BS</i>	5,472,876	12/1995	Fahy		
<i>BS</i>	5,518,878	05/1996	Wilkins et al.		

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>BS</i>	Armitage, "Survival of Corneal Endothelium following Exposure to a Vitrification Solution," CRYOBIOLOGY, Vol. 26, 1989, pp. 318-327.
<i>BS</i>	Bourne et al., "Human Corneal Studies with a Vitrification Solution Containing Dimethyl Sulfoxide, Formamide, and 1,2-Propanediol," CRYOBIOLOGY, Vol. 31, No. 6, 1994, pp. 522-530.
<i>BS</i>	Dent et al., "Cryopreservation of Vein Grafts," SURGICAL FORUM, Vol. 25, pp. 241-243, 1974.
<i>BS</i>	Brockbank et al., "Cryopreserved Vein Transplantation," Journal of Cardiac Surgery, Vol. 7, No. 2, pp. 170-176, 1992.
<i>BS</i>	Müller-Schweinitzer, "Cryopreservation: a useful technique for storing tissues for pharmacological investigations," Trends in Pharmacological Sciences; Vol. 9, No. 6, pp. 221-223; June 1988.
<i>BS</i>	Weber et al., "Viable Vein Graft Preservation," Journal of Surgical Research 18, pp. 247-255, 1975.
<i>BS</i>	Bishop et al., "A morphological assessment of vein allografts preserved in glycerol and used for arterial replacement," Journal of Cardiovascular Surgery 28, pp. 491-497, 1987.
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EXAMINER	DATE CONSIDERED
<i>BS</i>	<i>8/25/03</i>

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: August 25, 2003

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 102691.02	APPLICATION NO. Rule 53(b) Divisional of 09/691,197, filed October 19, 2000 <i>10/646,802</i>		
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		APPLICANT(S) Bijan S. KHIRABADI, Ying C. SONG and Kelvin G.M. BROCKBANK				
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
<i>S</i>		5,723,282	03/1998	Fahy et al.		
<i>S</i>		5,821,045	10/1998	Fahy et al.		
<i>S</i>		5,856,081	01/1999	Fahy		
<i>S</i>		5,962,214	10/1999	Fahy et al.		
<i>S</i>		6,194,137	02/2001	Khirabadi et al.		
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
<i>S</i>		WO 96/05727	02/29/96	WIPO		
<i>S</i>		WO 00/60935	10/09/00	WIPO		
<i>S</i>		WO 01/78504	10/25/01	WIPO		
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<i>S</i>		Sitzmann et al., "Dimethylsulfoxide-treated, cryopreserved venous allografts in the arterial and venous systems," <i>Surgery</i> , Vol. 95, No. 2, pp. 154-159, 1984.				
<i>S</i>		Song et al., "Cryopreservation of the Common Carotid Artery of the Rabbit: Optimization of Dimethyl Sulfoxide Concentration and Cooling Rate," <i>Cryobiology</i> 32, pp. 405-421, 1995.				
<i>S</i>		Wusteman et al., "The Effect of Cooling Rate and Temperature on the Toxicity of Ethylene Glycol in the Rabbit Internal Carotid Artery," <i>Cryobiology</i> 33, pp. 423-429, 1996.				
<i>S</i>		Narayanan et al., "Successful Cryopreservation of Microvenous Allografts," <i>Journal of Investigative Surgery</i> , Vol. 5, pp. 155-160, 1992.				
<i>S</i>		Ku et al., "Human Coronary Vascular Smooth Muscle and Endothelium-Dependent Responses after Storage at -75°C," <i>Cryobiology</i> 29, pp. 199-209, 1992.				
<i>C</i>		Müller-Schweinitzer et al., "Sucrose promotes the functional activity of blood vessels after cryopreservation in DMSO-containing fetal calf serum," <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , pp. 1-4, 1992.				
<i>S</i>		Müller-Schweinitzer et al., "Functional recovery of human mesenteric and coronary arteries after cryopreservation at -196°C in a serum-free medium," <i>Journal of Vascular Surgery</i> , Vol. 25, No. 4, pp. 743-749, 1997.				
EXAMINER <i>[Signature]</i>				DATE CONSIDERED <i>3/2/06</i>		
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INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		APPLICANT(S) Bijan S. KHIRABADI, Ying C. SONG and Kelvin G.M. BROCKBANK	
		FILING DATE August 25, 2003	FORMER GROUP 1651

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<i>AS</i>	5,873,254	02/1999	Arav		

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>AS</i>	Fahy et al., G. M., "Vitrification as an Approach to Cryopreservation," <i>Cryobiology</i> 21, pp. 407-426, 1984.
<i>AS</i>	Chen et al., X. H., "Vitrification of Multicomponent Solutions by Cooling to Cryogenic Temperatures," <i>Cryogenics</i> Vol. 30 Sept. Supplement, pp. 541-545, 1990.
<i>AS</i>	Fahy et al., G. M., "Some Emerging Principles Underlying the Physical Properties, Biological Actions, and Utility of Vitrification Solutions," <i>Cryobiology</i> 24, pp. 196-213, 1987.
<i>AS</i>	Ren et al., H. S., "The Crystallization Kinetics and the Critical Cooling Rates for Vitrification of Cryoprotective Solutions," <i>Cryogenics</i> 1990, Vol. 30, September Supplement, pp. 536-540.
<i>AS</i>	Gultman et al., Frank M., "Variation of Cooling Rate and Concentration of Dimethyl Sulfoxide on Rabbit Kidney Function," <i>Cryobiology</i> , 23, pp. 495-499, 1986.
<i>AS</i>	Jacobsen et al., I.A., "Effect of Cooling and Warming Rate on Glycerolized Rabbit Kidneys," <i>Cryobiology</i> 19:668, 1982.
<i>AS</i>	F. Binette et al., "Expression of a Stable Articular Cartilage Phenotype Without Evidence of Hypertrophy by Adult Human Articular Chondrocytes In Vitro", <i>Journal of Orthopaedic Research</i> , Vol. 16, pp. 207-216, 1998.
<i>AS</i>	Y. Song et al., "Vitreous Cryopreservation Maintains the Function of Vascular Grafts", <i>Nature Biotechnology</i> , Vol. 18, pp. 296-299, 2000.

EXAMINER	DATE CONSIDERED <i>8/8/06</i>
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<b>INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)		<b>APPLICANT(S)</b> Bijan S. KHIRABADI, Ying C. SONG and Kelvin G.M. BROCKBANK	
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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

\$	T. Fujita, MD, PhD, et al., "Successful Preservation of Human Skin by Vitrification", Journal of Burn Care & Rehabilitation, Vol. 21, No. 4, pp. 304-309, 2000.
\$	B. Stone et al., "Cryopreservation of Human Articular Cartilage for Autologous Chondrocyte Implantation", Cryobiology, (Abstracts, 35 <sup>th</sup> Annual Meeting), Vol. 37, No. 4, pp. 445-446, 1998.
\$	Abstracts, 36 <sup>th</sup> Annual Meeting of the Society for Cryobiology, "Vitrification of the Rabbit Cornea", Cryobiology, Vol. 38, pp. 310, 1999.
\$	D.E. PEGG et al., "Fractures in Cryopreserved Elastic Arteries," Abstract Only, Database Accession No. PREV199799558143, Cryobiology, Vol. 34, No. 2, pp. 183-192, 1997.

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